

Communication Inputs

This cluster involves goods and services used for communications, including cable, wireless, and satellite services, as well as telephone, broadcasting, and wireless communications equipment. The technical report, *Metropolitan Chicago's traded industry clusters*, offers extensive data on the characteristics and performance of the region's core industrial assets since 2001, available for download at <https://cmap.is/Traded-Clusters>.

In the Chicago region in 2017, this cluster consisted of

\$5.2 billion
total output

9,900
jobs

390
establishments

+13%
more jobs than national average

Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).

Largest occupations

- Telecom Equipment Installers
- Customer Service Representatives
- Sales Representatives
- Business Operations Specialists
- Software Developers

Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).

Workers in this cluster tend to be **as** racially diverse than the regional labor force.

44% non-white

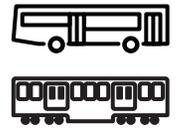
35% female

31% over age 50

Source: CMAP analysis of Integrated Public Use Microdata Series, 2017 American Community Survey data.

12%

commute by transit



In recent years, the cluster's competitive position **held steady** as it remained **specialized** in the national context.

-56%

jobs

Chicago

-5%

total output

-60%
jobs

+29%

total output

Dallas

-59%
jobs

-7%

total output

Washington, D.C.

Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).

Note: Job change is from 2001-17, and total output change is from 2007-17.

Middle-skill workers have **greater** opportunity than the regional average.

\$50,761

25th

\$61,367

50th

\$85,559

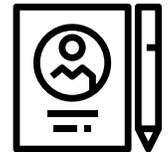
75th

wage percentiles



55%

of workers have an associate's degree or higher



37%

of jobs typically require at least 2 months of on-the-job training

Source: CMAP analysis of Integrated Public Use Microdata Series, 2017 American Community Survey and Economic Modeling Specialists International data (Emsi 2018.4).